

INVENTOR: McBride et al

attorney docket: CARDIOBEAT-2

TITLE: MEDICAL TESTING INTERNET SERVER SYSTEM AND METHOD

## PLEASE AMEND THE CLAIMS AS FOLLOWS:

CLAIM 1 (CURRENTLY AMENDED). A method of providing medical testing comprising:

providing central serving apparatus coupled to the Internet;

utilizing said central serving apparatus to access ~~medical~~ impedance cardiography test measurement software;utilizing said central serving apparatus to access one or more computer program impedance cardiography algorithms for processing ~~medical~~ impedance cardiography test measurement data;operating said central serving apparatus to download said ~~medical~~ impedance cardiography test measurement software, via the Internet, to patient Internet apparatus;utilizing said downloaded ~~medical~~ impedance cardiography test measurement software at said patient Internet device to provide sensor placement information of impedance sensors to a patient;utilizing said ~~medical~~ impedance cardiography test software at said patient Internet device to provide diagnostic testing operation and operability of said impedance sensors;obtaining medical test measurement data via said impedance sensors;uploading said ~~medical~~ impedance cardiography test measurement data to said central server from remote locations via said patient Internet apparatus via the Internet;selecting a one computer program impedance cardiography algorithm from said at least one or more computer program impedance cardiography algorithms at said central serving apparatus;utilizing said one computer program impedance cardiography algorithm at said central serving apparatus to process said ~~medical~~ impedance cardiography test measurement data;

INVENTOR: McBride et al

attorney docket: CARDIOBEAT-2

TITLE: MEDICAL TESTING INTERNET SERVER SYSTEM AND METHOD

processing said ~~medical~~ impedance cardiography test measurement data in accordance with said one computer program impedance cardiography algorithm to produce test information from said ~~medical~~ impedance cardiography test measurement data; and

downloading said test information to predetermined user apparatus coupled to the Internet.

**CLAIM 2 (PREVIOUSLY PRESENTED).** A method in accordance with claim 1, comprising:

providing a data base accessible by said central serving apparatus; and

storing said test information in said database.

**CLAIM 3. (PREVIOUSLY PRESENTED).** A method in accordance with claim 1, comprising:

receiving patient identification information for said test measurement data;

storing said test information in a database; and

associating said stored test information with said patient identification information.

**CLAIM 4 (PREVIOUSLY PRESENTED).** A method in accordance with claim 3, comprising:

receiving a request for said test information from a requester; and

determining that said requester has authorization to obtain said test information.

**CLAIM 5 (ORIGINAL).** A method in accordance with claim 4, comprising:

INVENTOR: McBride et al attorney docket: CARDIOBEAT-2  
TITLE: MEDICAL TESTING INTERNET SERVER SYSTEM AND METHOD

receiving said request via the Internet.

**CLAIM 6 (ORIGINAL).** A method in accordance with claim 4, comprising:

downloading said requested test information to said requester via the Internet.

**CLAIM 7 (ORIGINAL).** A method in accordance with claim 3, comprising:

receiving a request for said test information from a requester that has no authorization to obtain information;

determining that said requester has no authorization; and

rejecting said request.

**CLAIM 8 (CURRENTLY AMENDED).** A method in accordance with claim 1, comprising:

receiving a request via the Internet for testing from patient Internet apparatus; and

downloading via the Internet said impedance cardiography test measurement software to said subject Internet apparatus.

**CLAIM 9 (CURRENTLY AMENDED).** A method in accordance with claim 8, comprising:

storing said impedance cardiography test measurement software in memory located proximate said central server.

**CLAIM 10 (CURRENTLY AMENDED).** A method in accordance with claim 8, comprising:

INVENTOR: McBride et al

attorney docket: CARDIOBEAT-2

TITLE: MEDICAL TESTING INTERNET SERVER SYSTEM AND METHOD

downloading automatic un-install software with said impedance cardiography test measurement software, said automatic un-install software being automatically operable to un-install said impedance cardiography test measurement software upon successful uploading of said impedance cardiography test measurement data to said central serving apparatus.

**CLAIM 11 (CURRENTLY AMENDED).** A method in accordance with claim 10, comprising:

automatically un-installing said impedance cardiography test measurement software after uploading said test measurement data.

**CLAIM 12 (CURRENTLY AMENDED).** A method in accordance with claim 8, comprising:

automatically un-installing said impedance cardiography test measurement software after uploading said impedance cardiography test measurement data.

**CLAIM 13 (CURRENTLY AMENDED).** A method in accordance with claim 1, comprising:

receiving a request via the Internet for testing from patient Internet apparatus; and  
downloading impedance cardiography testing information to said patient Internet apparatus.

**CLAIM 14 (CURRENTLY AMENDED).** A method in accordance with claim 13, comprising:

storing said impedance cardiography testing information proximate said central server.

**CLAIM 15 (CURRENTLY AMENDED).** A method in accordance with claim 13, comprising:

INVENTOR: McBride et al attorney docket: CARDIOBEAT-2  
TITLE: MEDICAL TESTING INTERNET SERVER SYSTEM AND METHOD

providing said impedance cardiography testing information as multimedia information displayable at said patient Internet apparatus.

**CLAIM 16 (CURRENTLY AMENDED).** A method in accordance with claim 1, wherein:

said impedance cardiography test measurement software includes a multimedia presentation that steps a patient through positioning and attachment of at least one impedance cardiography sensor.

**CLAIM 17 (CURRENTLY AMENDED).** A method in accordance with claim 16, wherein:

said impedance cardiography test measurement software responds to said diagnostic testing indicating improper impedance cardiography sensor operation by directing the patient through a corrective routine.

**CLAIM 18 (CURRENTLY AMENDED).** A method in accordance with claim 1, comprising:

executing a verification routine to determine that said impedance cardiography test measurement data appears to be valid data.

**CLAIM 19 (CURRENTLY AMENDED).** A method in accordance with claim 3, comprising:

receiving information for authorized access of said impedance cardiography test information from the individual identified by said patient identification information.

INVENTOR: McBride et al

attorney docket: CARIOBEAT-2

TITLE: MEDICAL TESTING INTERNET SERVER SYSTEM AND METHOD

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